

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S153	6975	zeolite with (hfer or (h adj fer) or mor or mordenite)	US-PGPUB; USPAT	OR	ON	2009/12/03 11:59
S154	1014	S153 same (hydrocarbon or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 11:59
S155	339	S153 with (hydrocarbon or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 11:59
S156	5940	zeolite near6 (hfer or (h adj fer) or mor or mordenite)	US-PGPUB; USPAT	OR	ON	2009/12/03 11:59
S157	291	S156 with (hydrocarbon or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 11:59
S158	270	S157 and alumina	US-PGPUB; USPAT	OR	ON	2009/12/03 12:00
S159	7	S158 and nax	US-PGPUB; USPAT	OR	ON	2009/12/03 12:00
S160	13	S158 and cryogenic	US-PGPUB; USPAT	OR	ON	2009/12/03 12:17
S161	9	S160 not S159	US-PGPUB; USPAT	OR	ON	2009/12/03 12:17
S162	8	S158 and (tsa or (thermal adj swing))	US-PGPUB; USPAT	OR	ON	2009/12/03 12:18
S163	4	S162 not S160	US-PGPUB; USPAT	OR	ON	2009/12/03 12:18
S164	10	psa adj ppu	US-PGPUB; USPAT	OR	ON	2009/12/03 12:23
S165	53	((nitrogen adj oxide) or "NO.sub.x") with (zeolite near5 (mor or mordenite))	US-PGPUB; USPAT	OR	ON	2009/12/03 12:36

S166	8	S165 same (hydrocarbon or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 12:37
S167	45	S165 not S166	US-PGPUB; USPAT	OR	ON	2009/12/03 12:42
S171	91	((nitrogen adj oxide) or "NO.sub.x") with mordenite	US-PGPUB; USPAT	OR	ON	2009/12/03 13:13
S172	41	S171 not S165	US-PGPUB; USPAT	OR	ON	2009/12/03 13:13
S175	2025	((nitrogen adj oxide) or "NO.sub.x") with (sorb\$3 or adsorb\$3 or adsorb \$3)	US-PGPUB; USPAT	OR	ON	2009/12/03 13:32
S176	23	S175 same mordenite	US-PGPUB; USPAT	OR	ON	2009/12/03 13:32
S178	2544	zeolite with (mfi or zsm5)	US-PGPUB; USPAT	OR	ON	2009/12/03 14:29
S179	1007	S178 and adsorb\$3	US-PGPUB; USPAT	OR	ON	2009/12/03 14:30
S180	78	S179 and (psa or tsa)	US-PGPUB; USPAT	OR	ON	2009/12/03 14:30
S181	72	S178 same ((nitrogen adj oxide) or "NO.sub.x")	US-PGPUB; USPAT	OR	ON	2009/12/03 16:14
S182	70	S181 not S180	US-PGPUB; USPAT	OR	ON	2009/12/03 16:15
S183	2	((("5980611") or ("6406520")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/03 16:25
S184	536	S178 same (hydrocarbon or hc or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 16:29
S185	162	S178 with (hydrocarbon or hc or propane)	US-PGPUB; USPAT	OR	ON	2009/12/03 16:30
S186	2	S185 and (tsa or psa or ((pressure or temperature) adj swing))	US-PGPUB; USPAT	OR	ON	2009/12/03 16:31
S187	73	S185 and (adsorb\$3 or absorb\$3)	US-PGPUB; USPAT	OR	ON	2009/12/03 16:32

S188	214	((oxide near2 nitrogen) or (nitrogen near2 adsorbent)) same (MFI or zsm5 or (zsm adj "5"))	US-PGPUB; USPAT	OR	ON	2009/12/03 16:49
S189	99	((oxide near2 nitrogen) or (nitrogen near2 adsorbent)) with (MFI or zsm5 or (zsm adj "5"))	US-PGPUB; USPAT	OR	ON	2009/12/03 16:50
S190	93	S189 not S187	US-PGPUB; USPAT	OR	ON	2009/12/03 16:50

**12/ 6/ 09 7:46:39 PM****C:\ Documents and Settings\ EMckane\ My Documents\ EAST\ Workspaces\ jody.wsp**